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PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

01/14/2004 NDAITE1 00000047 501432 10754736

01 FC:1001	770.00 DA
02 FC:1202	450.00 DA
03 FC:1203	290.00 DA

02/10/2004 SDIRETA1 00000007 501432 10754736

01 FC:1202	160.00 DA
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PTO-1556  
(5/87)



# Facsimile Transmission

North Point, 801 Lakeside Avenue • Cleveland, Ohio 44114-1190 • (216) 586-3939  
 Facsimile: (216) 579-0212  
 dlpejeau@jonesday.com

January 20, 2004

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Number of pages (including this page): 7

From: Debra L. Pejeau

Title: Patent & Trademark Assistant

Direct Telephone No.: (216) 586-7387

JP No.: JP259360

CAM No.: 555255-012-682

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Re: Deposit Account No. 501432  
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## Message:

Dear Sir or Madam,  
 Attached are copies of the following: a page from our Deposit Account Statement, a return receipt postcard stamped with the application number and filing date, the Fee Transmittal filed with the application, and pages 16-18 with Claims 1-17. We do not understand the \$450 charge for Fee Code 1202 for claims in excess of 20. We request a refund of \$450. Please advise. Thank you for your assistance.  
 Respectfully submitted,  
 Debra L. Pejeau

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CLI-1158011V1

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01/20/04 TUE 16:20 [TX/RX NO 5047] 001

## Deposit Account Statement

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445600-002007

380084-600001

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Caf.

Dine

Express Mail No.: EV 243777225 US  
 Docket No.: 555255-012-682  
 Application No.: \_\_\_\_\_  
 Patent/Registration No.: \_\_\_\_\_  
 Trademark: \_\_\_\_\_

Date Mailed: 01/09/2004  
 Applicant: Gideon Roberts, et al.  
 Filing Date: 01/09/2004  
 Issue/Registration Date: \_\_\_\_\_  
 Title: APPARATUS AND METHOD FOR IMPLEMENTING  
NOTIFICATION OF SYSTEM INFORMATION...

THE USPTO ACKNOWLEDGES AND HAS STAMPED THE DATE OF RECEIPT OF THE ITEMS CHECKED BELOW:

\_\_\_\_ Affidavit (\_\_\_\_ pages)  
 \_\_\_\_ Amendment (\_\_\_\_ pages)  
☒ Application Papers  
     8 sheets of drawing(s) (formal/~~informal~~)  
     19 pages specification  
     15 pages description  
     3 pages claims  
     1 pages abstract  
 \_\_\_\_ pages of PCT Request  
 \_\_\_\_ PCT Calculation sheet

\_\_\_\_ Application Data Sheet  
 \_\_\_\_ Assignment (\_\_\_\_ pages) \_\_\_\_ Assignment cover sheet  
 \_\_\_\_ Declaration (\_\_\_\_ pages)  
 \_\_\_\_ Declaration/Power of Attorney (\_\_\_\_ pages)  
☒ Fee Transmittal Form in duplicate  
 \_\_\_\_ IDS & PTO-1449 and  
 \_\_\_\_ cited item(s)  
 \_\_\_\_ Patent cover sheet

☒ Design Patent Application Transmittal  
☒ Utility Patent Application Transmittal  
 \_\_\_\_ Issue Fee Transmittal  
 \_\_\_\_ Maintenance Fee Transmittal Form  
 \_\_\_\_ Notice of Opposition  
 \_\_\_\_ Petition for Extension of Time  
 \_\_\_\_ Preliminary Amendment (\_\_\_\_ pages)  
 \_\_\_\_ Renewal Application (\_\_\_\_ pages)  
 \_\_\_\_ Response (\_\_\_\_ pages)  
 \_\_\_\_ Revocation of Power of Attorney and Appointment of New Attorney  
 \_\_\_\_ Small Entity Statement  
 \_\_\_\_ Specimens  
 \_\_\_\_ Statement of Use  
 \_\_\_\_ Status Inquiry  
 \_\_\_\_ Transmittal Letter  
 \_\_\_\_ Check - Amount \$ \_\_\_\_\_  
 \_\_\_\_ Other

17497 U.S. PTO  
 10/754736



010904

PTO/SB/17 (10-03)

Approved for use through 07/31/2008, OMB 0651-0032  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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**FEE TRANSMITTAL**  
**for FY 2004**

Effective 10/01/2003, Patent fees are subject to annual revision.

☐ Applicant claims small entity status: See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT**

(\$ 1,060.00)

**Complete if Known**

Application Number

Filing Date

01/09/2004

First Named Inventor

Gideon Roberts

Examiner Name

Art Unit

Attorney Docket No.

555255012682

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number  
Deposit Account Name

501432 (555255012682)

Jones Day

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	770
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
<b>SUBTOTAL (1)</b>			<b>(\$ 770.00)</b>

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Total Claims	Extra Claims	Fee from below	Fee Paid
17	-20** = 0	18.00	0.00
Independent Claims	1	-3** = 0	86.00
Multiple Dependent			290

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 86	2201 43	Independent claims in excess of 3
1203 290	2203 145	Multiple dependent claim, if not paid
1204 86	2204 43	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$ 290.00)

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	1052 50	2052 25	Surcharge - late filing fee or oath	
				Surcharge - late provisional filing fee or cover sheet	
1053 130	2053 130	1812 2,520	2053 130	Non-English specification	
				For filing a request for ex parte reexamination	
1804 920*	2004 920*	1805 1,840*	2004 920*	Requesting publication of SIR prior to Examiner action	
				Requesting publication of SIR after Examiner action	
1251 110	2251 55	1252 420	2252 210	Extension for reply within first month	
				Extension for reply within second month	
1253 950	2253 475	1254 1,480	2254 740	Extension for reply within third month	
				Extension for reply within fourth month	
1255 2,010	2255 1,005	1401 330	2401 165	Extension for reply within fifth month	
				Notice of Appeal	
1402 330	2402 165	1403 290	2403 145	Filing a brief in support of an appeal	
				Request for oral hearing	
1451 1,510	2451 1,510	1452 110	2452 55	Petition to institute a public use proceeding	
				Petition to revive - unavoidable	
1453 1,330	2453 665	1501 1,330	2501 665	Petition to revive - unintentional	
				Utility issue fee (or reissue)	
1502 480	2502 240	1503 640	2503 320	Design issue fee	
				Plant issue fee	
1460 130	2460 130	1807 50	2807 50	Positions to the Commissioner	
				Processing fee under 37 CFR 1.17(d)	
1806 180	2806 180	8021 40	2801 40	Submission of Information Disclosure Stmt	
				Recording each patent assignment per property (times number of properties)	
1809 770	2809 385	1810 770	2810 385	Filing a submission after final rejection (37 CFR 1.129(e))	
				For each additional invention to be examined (37 CFR 1.129(b))	
1801 770	2801 385	1802 900	2802 900	Request for Continued Examination (RCE)	
				Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$ 0.00)

(Complete if applicable)

**SUBMITTED BY**

Name (Print/Type)

Joseph M. Sauer

Registration No.

47,919

(Attorney/Agent)

Telephone 216-586-3939

Date

01/09/2004

Signature

**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.  
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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01/20/04 TUE 16:20 [TX/RX NO 5047] 004

## Claims

1. A method for broadcasting system information changes in a mobile telecommunications system, the system comprising a network of a plurality of cells and at least one user equipment device, the method comprising, in the network:

5 sending a first message indicating notification of a system information change and  
sending a repeat of the notification of a system information change.

2. A method according to claim 1 further comprising, when the notification of a system information change indicates that the system information change is to be implemented by a  
10 receiving device at a deferred time, sending the repeat of the notification of a system information change at a time relative to the deferred time.

3. A method according to claim 2 wherein the repeat of the notification of a system information change excludes an indication that the system information change is to be  
15 implemented by a receiving device at a deferred time.

4. A method according to claim 2 wherein the time is equal or less than 50 seconds from the deferred time.

20 5. A method according to claim 2 wherein the time is equal or less than 10 seconds from the deferred time.

6. A method according to claim 2 wherein the time is equal or less than 1 second from the deferred time.

25

7. A method according to claim 2 wherein the time is equal or less than 100 milliseconds from the deferred time.

8. A method according to claim 2 wherein the time is equal or less than 10 milliseconds from the deferred time.

9. A method according to claim 2 wherein the time is equal or less than 5 hours from the deferred time.

10. A method according to claim 2 wherein the repeat of the notification of a system information change is sent at a time that precedes the deferred time.

11. A method according to claim 1 further comprising sending a plurality of repeats of the notification of a system information change.

12. A method according to claim 11 wherein the repeats of the notification of a system information change are sent at regular intervals.

13. A method according to claim 1 wherein repeat of the notification of a system information change is sent in a SYSTEM INFORMATION CHANGE INDICATION message transmitted on a broadcast control channel.

14. A method according to claim 13 wherein the repeat of the notification of a system information change is sent in an Information Element "BCCH modification info" contained in a SYSTEM INFORMATION CHANGE INDICATION message.



15. Apparatus for broadcasting system information changes in a mobile telecommunications system, the system comprising a network of a plurality of cells and at least one user equipment device, the apparatus in the network being arranged, in use, to implement the method of any of claims 1 to 14.

5  
16. A computer program comprising program code for performing the steps of any of claims 1 to 14.

10  
17. A computer program product comprising program code stored on a computer readable medium for performing the method of any of claims 1 to 14.

# PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2003

Application or Docket Number

10754736

## CLAIMS AS FILED - PART I

(Column 1)

(Column 2)

TOTAL CLAIMS	17	
FOR	NUMBER FILED	NUMBER EXTRA
TOTAL CHARGEABLE CLAIMS	55 minus 20 =	*25
INDEPENDENT CLAIMS	1 minus 3 =	-
MULTIPLE DEPENDENT CLAIM PRESENT <input checked="" type="checkbox"/>		

\* If the difference in column 1 is less than zero, enter "0" in column 2

## CLAIMS AS AMENDED - PART II

(Column 1)

(Column 2)

(Column 3)

AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	*	Minus	**	=
	Independent	*	Minus	***	=
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>				

(Column 1)

(Column 2)

(Column 3)

AMENDMENT B		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	*	Minus	**	=
	Independent	*	Minus	***	=
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>				

(Column 1)

(Column 2)

(Column 3)

AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA
	Total	*	Minus	**	=
	Independent	*	Minus	***	=
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM <input type="checkbox"/>				

SMALL ENTITY TYPE ☐

OR OTHER THAN SMALL ENTITY

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BASIC FEE	385.00
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X43=	
+145=	
TOTAL	

RATE	FEE
BASIC FEE	770.00
X\$18=	450
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+290=	290
TOTAL	1570

SMALL ENTITY

OR OTHER THAN SMALL ENTITY

RATE	ADDI-TIONAL FEE
X\$ 9=	
X43=	
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TOTAL	
ADDIT. FEE	

RATE	ADDI-TIONAL FEE
X\$18=	
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TOTAL	
ADDIT. FEE	

RATE	ADDI-TIONAL FEE
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ADDIT. FEE	

RATE	ADDI-TIONAL FEE
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TOTAL	
ADDIT. FEE	

RATE	ADDI-TIONAL FEE
X\$18=	
X86=	
+290=	
TOTAL	
ADDIT. FEE	

\* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.